

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DATE:

March 17, 2004

DOCKET NO .: ART UNIT:

EXAMINER:

CE11928JAN

APPLICANT:

Nicholas E. Buris

2681

SERIAL NO .:

10/659,677 09/10/2003

FILING DATE::

ENTITLED:

METHOD AND APPARATUS FOR PROVIDING IMPROVED ANTENNA BANDWIDTH

March 17, 2004

CERTIFICATE OF MAILING

Date of Deposit:

March 17, 2004

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA

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INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the reference(s) listed on attached Form PTO/SB/08 and/or subsequently identified herein are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of such reference(s) are not submitted herewith.

I. **COPIES**

- a. 🔯 A legible copy of (i) each U.S. patent or patent application (if necessary) and each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- Ъ.П Any patents, publications or other information which are listed on Form PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

a. 🔯 Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).

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	b	A concise explanation of the releva is not in the English language is as f		other information listed that			
	c. 🔲	The following additional informatio	n is provided for the Examiner's co	onsideration:			
III. 🔲	CROSS	REFERENCE TO RELATED APPL	ICATION(S)				
	related	aminer is advised that the following of to the present application. By br nt(s) does(do) not waive the confiden	nging this (these) applications to	the Examiner's attention,			
	<u>U.S</u>	S. Serial No.	U.S. Filing Date	Art Unit			
			FEES				
IV. 🛛	THIS II	OS IS BEING FILED UNDER 37 C.I	F.R. §1.97(b): (check one box)				
	a. 🗌	within three months of the filing day statement is required.	e of a national application (37 C.F	F.R. § 1.97(b)(1)). No fee or			
	b. 🔲	within three months of the date of international application (37 C.F.R.					
	c. 🛛	before the mailing date of a first O statement is required.	fice Action on the merits (37 C.F.	.R. § 1.97(b)(3)). No fee or			
	d. 🛚	In the event that a first Office Action 37 C.F.R. § 1.97(c) and see the statement has been made, charge I.17(p).	atement under 37 C.F.R. § 1.97(e) provided below, or if no			
V. 🗌	THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) before the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)).						
	a. 🔲	No statement; therefore, charge <u>Dep</u> 1.17(p).	osit Account No. 50-2117 the fee s	set forth in 37 C.F.R. §			
	b. 🔲	See the statement below. No fee is	required.				
VI.		THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d): on or before payment of the issue fee and is accompanied by the following:					
	1)	A statement under 37 C.F.R. § 1.97	(e) as provided below;				
	2)	Applicant(s) hereby a petition for co	ensideration of this information dis-	closure statement; and			
	3)	Charge Deposit Account No. 50-21	17 the petition fee set forth in § 1.1	7(i).			
VII.	Stateme	ent under 37 C.F.R. §1.97(e) (check o	nly one box, if applicable)				

The undersigned hereby states that:

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	a. 🗌	each item of information contained in the IDS was cited in a communication from a foreign Patent Office is a counterpart foreign application not more than three months prior to the filing of IDS; or						
	b. 🔀	Office in after ma	n a counterpart foreign aking reasonable inqual designated in 37 (n applicati iry, no iter	on, and to knowled nof information co	communication from a foreign Paten ge of the person signing the statemen ntained in the IDS was known to an aree months prior to the filing of thi	ıt y	
	c.	foreign contained foreign information in the IDS application inquiry,	Patent Office. As to ed in the IDS was cite application not more tion, the undersigned was cited in a contion or, to the knowless.	this informed in a conthan three in hereby state inmunication edge of the contained	ation, the undersign munication from a months prior to the es that no item of the from a foreign P e person signing the d in the IDS was known	ere cited in a communication from ed states that each item of information foreign Patent Office in a counterparfiling of this IDS. As to the remaining is remaining information contained in atent Office in a counterpart foreign estatement after making reasonable own to any individual designated in 3 f this statement.	n rt g n n	
VIII.	PAYME	ENT OF I	FEES (check one box))				
		A check i	in the amount of	\$	is enclo	sed for the above-identified fee(s).		
		Please c fee(s).	harge <u>Deposit Accou</u>	nt No. 50-2	117 in the amount o	f \$180.00 for the above-indicated		
						erpayment has been made, the t Account No. 50-2117.		
		Two Co	pies of this paper are	attached fo	r Deposit Account c	harges and debits.		
	te statuto	ry prior		r which an	ticipates the invent	r and without any admission that the ion or which would render the sam rt.		
	nined tha	t this IDS	S has been filed unde	r the wrong	rule, the PTO is re	quested to contact the undersigned. If it quested to consider this IDS under the opit Account No. 50-2117.		
					Respectfully subm	itted,		
					Larry E. Brown Patent Attorney Registration No. Telephone:	45,834 954-723-6449		
Custom	er No.	24273			Facsimile:	954-723-5599		
Enclosu	res:		PTO/SB/08 References Foreign Search Repo Other:	ort				

Docket No.: CE11928JAN Please type a plus Substitute for form NASAPEN Complete if Known Application Number 10/659,677 INFORMATION DISCLOSURE Filing Date 09/10/2003 STATEMENT BY APPLICANT First Named Inventor Nicholas E. Buris Group Art Unit 2681 (use as many sheets as necessary)

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Examiner Name

Attorney Docket No.

Sheet

of

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	U.S. Patent Document Number Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		5,703,600		Burrell et al.	12/30/1997		
		6,400,322	B2	Fang et al.	06/04/2002		
		6,421,014	B1	Sanad	07/16/2002		

FOREIGN PATENT DOCUMENTS								
			Foreign Patent Document		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or	
Examiner Initials*	Cite No. 1	Office	. Number ⁴	Kind Code ² (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Relevant Figures Appear	Trans ⁶
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Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English Language Translation is attached.